Wednesday, July 13, 2011 10:21:55 AM



Page 1

Item ID:

D3492-13

Accept

Setup Start

Stop



**Revision ID:** 

Item Name: Plug

Required Date: 7/28/2011

7/14/2011

**Start Qty: 40.00** Req'd Qty: 40.00

**Cust Item ID:** 

**Customer:** 

Reference:

**Start Date:** 

Approvals:

Process Plan: (MF

Date: 11-07-13

Tooling:

SPC (Y/N):

**Run Hours** 

Date:

Date:

Run

Start

Stop

Sequence ID/ Work Center ID

Operation

Description

Set Up/

Tool ID

Tool # Plan

Accept Code Qty

Reject Qty

Reject Number

Insp. Stamp

Draw Nbr

**Revision Nbr** 

D3492

Hardinge CNC Lathe Small

D

100

Hardinge

Hardinge CNC LATHE SMALL

Memo

1-Turn as per Folio FA715 & Dwg D3492

Date:

Dwg Rev Folio Rev: 0.00

0.00

1117/26

110

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

11/7/26

40

120

QC8- Inspect parts - second check

0.00

29 11. 7.26

Memo

0.00

Quality Control

| Dan Ae  | rospace | Lia               |                      |                              |                |  |        |                                     |                                       |
|---------|---------|-------------------|----------------------|------------------------------|----------------|--|--------|-------------------------------------|---------------------------------------|
| W/O:    |         |                   | WC                   | RK ORDER CHANGE              | S              | ······································ |        |                                     | · · · · · · · · · · · · · · · · · · · |
| DATE    | STEP    | PRO               | OCEDURE CHA          |                              | Ву             | Date                                   | Qty    | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector              |
|         |         |                   |                      |                              |                | -                                      |        |                                     | ·                                     |
|         |         |                   |                      |                              |                |  |        |                                     |                                       |
|         |         |                   |                      |                              |                |  |        |                                     | ·                                     |
| Part No | •       | PAR #:            | Fault Cate           | gory:                        | NCR: Yes       | No DQ                                  | A:     | Date: _                             |                                       |
|         | Re      | solution:         | Disposition          | 1:                           | QA: N/C CI     | osed:                                  |        | Date: _                             |                                       |
| NCR:    |         |                   | WORK ORDI            | ER NON-CONFORMA              | NCE (NCF       | R)                                     |        |                                     |                                       |
|         |         | Description of NC | Corrective Action    |                              | Section B      |  | cation | Approval                            | Approval                              |
| DATE    | STEP    | Section A         | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date | k Sect                                 | ion C  | Chief Eng                           | QC Inspector                          |
|         |         |                   |                      |                              |                |  |        |                                     |                                       |
|         |         |                   |                      |                              |                |  |        |                                     |                                       |
|         | ,       |                   |                      |                              |                |  |        |                                     |                                       |
|         |         |                   |                      |                              |                |  |        |                                     |                                       |
|         |         |                   |                      | .منبع                        |                |  |        |                                     |                                       |
|         |         |                   |                      | 74 y                         |                |  |        |                                     |                                       |
|         |         |                   |                      |                              |                |  |        |                                     |                                       |
|         |         |                   |                      |                              |                |  |        |                                     |                                       |

Wednesday, July 13, 2011 10:21:55 AM



Page 2

Item ID:

D3492-13

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Plug

7/14/2011 **Start Oty: 40.00** 

Req'd Oty: 40.00

**Cust Item ID: Customer:** 

Required Date: 7/28/2011 Reference:

Start Date:

Approvals:

Process Plan: \_\_\_\_\_ Date: \_\_\_\_

Tooling:

Date:

Run Start



OC:

Date: \_\_\_\_\_

SPC (Y/N):

Set Up/

Date:

Stop

Sequence ID/ **Work Center ID** 

130

Small Fab

Small Fab

Operation

Small Fab

**Description** 

**Run Hours** 

0.00

Tool ID

Tool # Plan Code Accept **Qty** 

Reject **Qty** 

Reject Insp.

Number Stamp

Memo 1-Deburr

140

OC

Quality Control

OC5- Inspect part-completeness to step on W/O

Memo

0.00

150

HandFinish

Chemical Conversion Coat per QSI005 4.1

0.00

Memo

0.00

40 p fl. 11.7.06,

Hand Finishing

| Dait Aci | vapace | LIU               |                      |                              |           |                   |          |                                     |                          |
|----------|--------|-------------------|----------------------|------------------------------|-----------|-------------------|----------|-------------------------------------|--------------------------|
| W/O:     |        |                   | W                    | ORK ORDER CHANG              | iES       |                   |          |                                     |                          |
| DATE     | STEP   | PROC              | PROCEDURE CHANGE     |                              |           |                   |          | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           | -                 |          |                                     |                          |
| Part No  | :      | PAR #:            | _ Fault Cate         | gory:                        | _ NCR: Ye | s No D            | QA:      | Date: _                             |                          |
|          |        | esolution:        |                      |                              |           |                   |          |                                     |                          |
| NCR:     |        | W                 | ORK ORD              | ER NON-CONFORM               | ANCE (NO  | CR)               |          |                                     |                          |
| DATE     | STEP   | Description of NC |                      | tion B                       | Veri      | fication          | Approval | Approval                            |                          |
| DATE     | SIEF   | Section A         | Initial<br>Chief Eng | Action Description Chief Eng | Sig<br>Da | n&  <sub>Se</sub> | ection C | Chief Eng                           | QC Inspector             |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        | ,                 |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              |           |                   | 3        |                                     |                          |
| ·        |        |                   |                      |                              |           |                   |          |                                     |                          |
|          |        |                   |                      |                              | İ         |                   |          |                                     |                          |

Wednesday, July 13, 2011 10:21:55 AM



Page 3

Item ID:

D3492-13

Accept

Setup Start

Stop



**Revision ID:** 

Item Name: **Start Date:** 

Plug

Required Date: 7/28/2011

7/14/2011

**Start Qty: 40.00** Req'd Otv: 40.00

**Cust Item ID:** 

**Customer:** 

Reference:

|   |    |    | 1   |    |
|---|----|----|-----|----|
| A | nn | ro | vai | s: |

Process Plan:

Date: \_\_\_\_\_

Tooling:

Date:

Run Start

Qty



QC:

Date:

SPC (Y/N):

Set Up/

**Run Hours** 

Date:

Stop

Sequence ID/ **Work Center ID** 

160

Powdercoat

Powder Coating

Operation Description

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

M117745

Memo

(Flat End Only) START TIME:

OVEN TEMPERATU FINISH TIME:

0.00

0.00

Tool ID

Tool # Plan Code Accept Qty

Reject Reject Number

Insp. Stamp

40. & Bl 11-7-26.

170



Quality Control

QC3- Inspect Part Finish

0.00

0.00

40 d M 11/07/27

Identify as per dwg & Stock Location:



0.00

No & Be 11-7-24.

180

Packaging

Packaging

Memo

Memo

|         | - That |                   |                      |                              |                   |       |       |                                     |                          |
|---------|--------|-------------------|----------------------|------------------------------|-------------------|-------|-------|-------------------------------------|--------------------------|
| W/O:    |        |                   | WO                   | RK ORDER CHANG               | ES                |       |       |                                     |                          |
| DATE    | STEP   | PRO               | OCEDURE CHAI         | NGE                          | Ву                | Date  | Qty   | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
| Part No |        | PAR #:            | Fault Cate           | jory:                        | _ NCR: Yes        | No DQ | A:    | Date:                               |                          |
|         | R      | esolution:        | Disposition          | :                            | _ QA: N/C Cld     | osed: |       | Date: _                             |                          |
| NCR:    |        |                   | WORK ORDE            | R NON-CONFORMA               | NCE (NCR          | )     |       |                                     |                          |
| DATE    | STEP   | Description of NC |                      |                              | Section B Verific |       |       | Approval                            | Approval                 |
|         |        | Section A         | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date    | Secti | ion C | Chief Eng                           | QC Inspector             |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     | <u> </u>                 |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         |        |                   |                      |                              |                   |       |       |                                     |                          |
|         | İ      |                   |                      |                              |                   |       |       |                                     |                          |

Wednesday, July 13, 2011 10:21:55 AM



Page 4

Item ID:

D3492-13

Accept



Setup Start



**Revision ID:** 

**Start Date:** 

Item Name:

Required Date: 7/28/2011

Plug

7/14/2011

**Start Qty: 40.00** Req'd Qty: 40.00

**Cust Item ID: Customer:** 

Reference:

| А | D | D | $\mathbf{r}$ | V | al | S | : |
|---|---|---|--------------|---|----|---|---|

Process Plan:

Date:

Tooling:

Date:\_

Run Start

Stop



QC:

Date:

**SPC (Y/N):** 

Date:

Stop

Reject

Qty



Sequence ID/

Work Center ID

190

Operation Description

QC21- Final Inspection - Work Order Release

Set Up/ **Run Hours** 

Tool # Plan Tool ID

Accept Qty

Code

Reject Number

Insp. Stamp

Memo

0.00

0.00

Quality Control

| -4117101 | oopaoo                 | Liu        |                      |                              |              |        |        |                                       |                          |
|----------|------------------------|------------|----------------------|------------------------------|--------------|--------|--------|---------------------------------------|--------------------------|
| W/O:     |                        |            | W                    | ORK ORDER CHAN               | GES          |        |        |                                       |                          |
| DATE     | STEP                   | PRO        | OCEDURE CH           | ANGE                         | Ву           | Date   | Qty    | Approval<br>Chief Eng /<br>Prod Mgr   | Approval<br>QC Inspector |
|          |                        |            | •                    |                              |              |        |        |                                       |                          |
|          |                        | •          |                      |                              |              |        |        | · · · · · · · · · · · · · · · · · · · |                          |
|          |                        |            |                      |                              |              |        |        |                                       |                          |
| Part No  |                        | PAR #:     |                      |                              |              |        |        |                                       |                          |
| -        | Re                     | esolution: | Dispositi            | on:                          | QA: N/C C    | losed: |        | Date: _                               |                          |
| NCR:     |                        |            | WORK ORD             | DER NON-CONFORM              | MANCE (NC    | ₹)     |        |                                       |                          |
| DATE     | STEP Description of NC |            |                      |                              | ection B     | Verifi | cation | Approval                              | Approval                 |
| DAIL     | SILF                   | Section A  | Initial<br>Chief Eng | Action Description Chief Eng | Sign<br>Date |        | ion C  | Chief Eng                             | QC Inspector             |
|          |                        |            |                      |                              |              |        |        |                                       |                          |
|          |                        |            |                      |                              |              |        |        |                                       |                          |
|          |                        |            |                      |                              |              |        |        |                                       |                          |
|          |                        |            |                      |                              |              |        |        |                                       |                          |
|          |                        |            |                      |                              |              |        |        |                                       | <u> </u>                 |
|          |                        |            |                      |                              |              |        |        |                                       |                          |
|          |                        |            |                      |                              |              |        |        |                                       |                          |

## **Picklist Print**

Wednesday, July 13, 2011 10:21:52 AM

Work Order ID: 71848

Parent Item:

D3492-13

Parent Item Name: Plug



**Start Date: 7/14/2011** 

Required Date: 7/28/2011

Page 1

**Start Qty: 40.00** 

Required Qty: 40.00

Comments:

IPP Rev:A 11.04.19 per dwg revC DD verf:EC

| Component Item ID/ Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty |      | Date<br>Issued | Status |
|------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|------|----------------|--------|
| M6061T6R0.750                |                        | Purchased     | No          |                     |                  | 100             | f                  | 51.4830        | 0.05        | 2.105263     |      | · · ·          |        |
| 6061 T6 Barrel Barr 7500     |                        |               |             |                     |                  |                 |                    |                |             | 12           | 1117 | 1/2            | 6      |

6061-T6 Round Bar .750'

| <b>Location</b> | Loc Qty | Loc Code |
|-----------------|---------|----------|
| MAT013          | 51.483  |          |
| 112442          | 0.796   |          |
| 11640.6         | 0.617   |          |
| <b>\$117481</b> | 26.07   |          |
| 118106          | 24      |          |
|                 |         |          |

| Dail Aci   | oopaoc | LIG               |                      |                              |                |         |              |                                     |                          |
|------------|--------|-------------------|----------------------|------------------------------|----------------|---------|--------------|-------------------------------------|--------------------------|
| W/O:       |        |                   | W                    | ORK ORDER CHANGE             | ES             |         |              |                                     |                          |
| DATE       | STEP   | PRO               | OCEDURE CH           | ANGE                         | Ву             | Date    | Qty          | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         | <u> </u>     |                                     |                          |
| Part No    | •      | PAR #:            | Fault Cat            | egory:                       | NCR: Yes       | No DQ   | A:           | Date: _                             | ,<br>                    |
| Resolution |        | esolution:        | Dispositi            | on:                          | QA: N/C CI     | osed:   |              | Date: _                             |                          |
| NCR:       |        |                   | WORK ORE             | DER NON-CONFORMA             | NCE (NCF       | R)      | <del>"</del> |                                     |                          |
| DATE       | STEP   | Description of NC |                      |                              | on B           | Verific | cation       | Approval                            | Approval                 |
|            | O.E.   | Section A         | Initial<br>Chief Eng | Action Description Chief Eng | Sign &<br>Date | Secti   | on C         | Chief Eng                           | QC Inspector             |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |
|            |        |                   |                      |                              |                | ·       |              |                                     |                          |
|            |        |                   |                      |                              |                |         |              |                                     |                          |

| DART AEROSPACE LTD           | Work Order:  | noye        |
|------------------------------|--------------|-------------|
| Description: Plug            | Part Number: | D3492-13    |
| Inspection Dwg: D3492 Rev: C |              | Page 1 of 1 |

# FIRST ARTICLE INSPECTION CHECKLIST

| Drawing   | Tolerance     | Actual    | Accept | Reject | Method of                             | Comments |
|-----------|---------------|-----------|--------|--------|---------------------------------------|----------|
| Dimension |               | Dimension |        |        | Inspection                            |          |
| Ø0.750    | +/-0.010      | 0,747     |        |        | 67-3                                  |          |
| Ø0.510    | +/-0.010      | 0,520     |        |        |                                       |          |
| 0.045     | +0.000/-0.002 | -0435     |        | · ·    |                                       |          |
| 0.060     | +/-0.005      | -060      |        |        |                                       |          |
| 0.060     | +/-0.005      | -059      |        | · -    |                                       |          |
| 0.500     | +/-0.010      | 500       | /_     |        |                                       |          |
| 0.090     | +0.000/-0.002 | 090       |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               | -         |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        |                                       |          |
|           |               |           |        |        | · · · · · · · · · · · · · · · · · · · |          |
|           |               | L         | 1      |        |                                       |          |

| <u> </u>     |    | <del></del> |             |       |      |                       | _ |
|--------------|----|-------------|-------------|-------|------|-----------------------|---|
| Measured by: |    | <b>)</b>    | Audited by: | 13c   |      | Preliminary Approval: |   |
| Date:        | 1/ | 12/26       | Date:       | 11.7. | . 26 | Date:                 |   |

| Rev | Date     | Change                       | Revised by Approved |
|-----|----------|------------------------------|---------------------|
| Α   | 08.02.28 | New Issue P/O D3492-053      | KJ/DD               |
| В   | 09.05.04 | Ø0.750 was Ø0.625            | KJ/DD               |
| С   | 08.09.04 | Tolerance revised for Ø0.750 | KJ/DD               |
| D   | 10.11.05 | Dimension Ø0.510 was Ø0.520  | KJ 10               |
| E   | 11.06.21 | Dwg Rev updated              | KJ W                |

| W/O:            |      | WORK ORDER CHANGES             |                      |                      |  |        |             |                               |                          |                    |                          |  |
|-----------------|------|--------------------------------|----------------------|----------------------|--|--------|-------------|-------------------------------|--------------------------|--------------------|--------------------------|--|
| DATE            | STEP | PROC                           |                      | Ву                   |  | Date   | Qty         | Approval Chief Eng / Prod Mgr | Approval<br>QC inspector |                    |                          |  |
|                 |      |                                |                      |                      |  |        |             |                               |                          |                    |                          |  |
|                 |      |                                |                      |                      |  |        |             |                               |                          | <u> </u>           |                          |  |
|                 |      |                                |                      |                      |  |        |             | -                             |                          |                    |                          |  |
| Part No: PAR #: |      |                                | _ Fault Ca           | _ Fault Category: N  |  |        |             | NCR: Yes No DQA: Date:        |                          |                    |                          |  |
| . *             | R    | esolution:                     | Disposition: QA: N/C |                      |  |        | N/C Clo     | sed:                          |                          |                    |                          |  |
| NCR:            | :    | W                              | ORK OR               | DER NON-             | CONFORM                                  | ANCE   | (NCR        |                               |                          |                    |                          |  |
| DATE            | STEP | Description of NC<br>Section A | Initial<br>Chief Eng | Corrective<br>Action | Action Sec<br>n Description<br>Chief Eng | tion B | Sign & Date |                               | cation<br>ion C          | Approval Chief Eng | Approval<br>QC inspector |  |
| ·               |      |                                |                      |                      |  |        |             |                               | •                        |                    |                          |  |
|                 |      |                                | 2                    |                      |  |        |             |                               |                          |                    |                          |  |
|                 |      |                                |                      |                      |  |        |             |                               |                          |                    |                          |  |

D3492-XX PLUG (SEE TABLE)--NAS1611 O-RING (SEE TABLE)

#### **D3492-XXX PLUG PARTS LIST**

| QTY<br>-041 | QTY<br>-043 | QTY<br>-045 | -047 | QTY<br>-049 | QTY<br>-051 | QTY<br>-053 | PART NUMBER | DESCRIPTION   |
|-------------|-------------|-------------|------|-------------|-------------|-------------|-------------|---------------|
| X           |             |             |      |             |             |             | D3492-041   | PLUG ASSEMBLY |
|             | X           |             |      |             |             |             | D3492-043   | PLUG ASSEMBLY |
|             |             | X           |      |             |             |             | D3492-045   | PLUG ASSEMBLY |
|             |             |             | X    |             |             |             | D3492-047   | PLUG ASSEMBLY |
|             |             |             |      | X           |             |             | D3492-049   | PLUG ASSEMBLY |
|             |             |             |      |             | Х           |             | D3492-051   | PLUG ASSEMBLY |
| -           |             |             |      |             |             | Х           | D3492-053   | PLUG ASSEMBLY |
| 1           |             |             |      |             |             |             | D3492-1     | PLUG          |
|             | 1           |             |      |             |             |             | D3492-3     | PLUG          |
|             |             | 1           | _    |             |             |             | D3492-5     | PLUG          |
|             |             |             | 1    |             |             |             | D3492-7     | PLUG          |
|             |             |             |      | 1           |             |             | D3492-9     | PLUG          |
|             |             |             |      |             | 1           |             | D3492-11    | PLUG          |
|             |             |             |      |             |             | 1           | D3492-13    | PLUG          |
|             |             | 1           |      |             |             |             | NAS1611-005 | O-RING        |
|             |             |             | 1    |             |             |             | NAS1611-007 | O-RING        |
| 1           |             |             |      |             |             |             | NAS1611-010 | O-RING        |
|             |             |             |      |             |             | 1           | NAS1611-012 | O-RING        |
|             | 1           |             |      |             |             |             | NAS1611-013 | O-RING        |
|             |             |             |      |             | 1           |             | NAS1611-015 | O-RING        |
|             |             |             |      | 1           |             |             | NAS1611-016 | O-RING        |

NOTES: 1) O-RING: POSSIBLE SUPPLIER P/N: NAS1611-XXX OR PARKER 2-XXX

| DESIG | V.      | PH                                   | DART AFROCE | DART AFROCRACT LTD |  |  |  |
|-------|---------|--------------------------------------|-------------|--------------------|--|--|--|
| REV.  | DESCR   | PTION                                | BY          | DATE               |  |  |  |
| Α     | NEW IS  | SUE                                  | PH          | 06.01.04           |  |  |  |
| В     | ADD -04 | 7; UPDATE DIM A                      | PH          | 06.05.11           |  |  |  |
| С     | ADD -04 | 19/-051/-053, CHAN                   | PH          | 07.10.05           |  |  |  |
| D     | WAS 0.0 | PORATED DEO D34<br>055. (SEE CAR11-0 | AJS         | 11.05.24           |  |  |  |

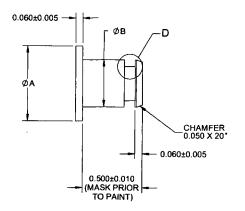
| DESIGN FIT |      | 」 DARI AEROSI   | PACE ITD 1   |  |  |  |
|------------|------|---|--------------|--|--|--|
| DRAWN      | AJS  | HAWKESBURY, ONTARIO, CANADA   |              |  |  |  |
| CHECKED    | K    | DRAWING NO.   | REV. D       |  |  |  |
| MFG. APPR. | JFA  | D3492   | SHEET 1 OF 2 |  |  |  |
| APPROVED   | V/25 | TITLE   | SCALE        |  |  |  |
| DE APPR.   | 7    | PLUG  | 2:1          |  |  |  |
| DATE 11.0  | 5.24 | COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCLARRY IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONCINON THAT IT IS |              |  |  |  |

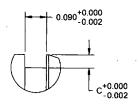
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|         |        | <i>-</i>          |   |              |                |                      |         |              |                               |                          |  |  |  |
|---------|--------|-------------------|---|--------------|----------------|----------------------|---------|--------------|-------------------------------|--------------------------|--|--|--|
| W/O:    |        |                   | WORK ORDER CHANGES                          |              |                |                      |         |              |                               |                          |  |  |  |
| DATE    | STEP   | PRO               | PROCEDURE CHANGE                            |              |                |                      | Date    | Qty          | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |  |  |  |
|         |        |                   |   |              |                | ,                    |         |              |                               |                          |  |  |  |
|         |        | ·                 |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              | ·                             |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              | :                             |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
| Part No | •<br>• | PAR #:            | Fault Category: NCR: Yes No                 |              |                |                      |         | o DQA: Date: |                               |                          |  |  |  |
|         | R      | esolution:        | Disposit                                    | QA           | A: N/C Closed: |                      |         | Date:        |                               |                          |  |  |  |
| NCR:    |        |                   | WORK OR                                     | DER NON-CONF | ORMANCE        | (NCR)                |         |              |                               |                          |  |  |  |
| DATE    | STEP   | Description of NC | Corrective Action Section E                 |              |                |                      | Verific | ation        | Approval                      | Approval                 |  |  |  |
| DAIL    | SILF   | Section A         | Initial Action Descr<br>Chief Eng Chief Eng |              | ription        | otion Sign &<br>Date |         |              | Chief Eng                     | QC Inspector             |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      | ,       |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         | 1      |                   |   |              |                |                      |         |              |                               |                          |  |  |  |
|         |        |                   |   |              |                |                      |         |              |                               |                          |  |  |  |

POWDER COAT THESE FACES ONLY PER NOTE 2





**DETAIL D** 

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#### D3492-XX PLUG

#### **D3492-XX PLUG MACHINING DETAILS**

| P/N      | A <sub>.</sub> | В     | С     | MATERIAL SPEC | ļ |
|----------|----------------|-------|-------|---------------|---|
| D3492-1  | 0.625          | 0.394 | 0.050 | M6061T6R0.625 |   |
| D3492-3  | 0.750          | 0.582 | 0.045 | M6061T6R0.750 | 7 |
| D3492-5  | 0.375          | 0.188 | 0.045 | M6061T6R0.375 |   |
| D3492-7  | 0.500          | 0.270 | 0.045 | M6061T6R0.500 |   |
| D3492-9  | 0.938          | 0.750 | 0.045 | M6061T6R1.000 |   |
| D3492-11 | 0.850          | 0.664 | 0.045 | M6061T6R0.875 |   |
| 53492-13 | 0.750          | 0.510 | 0.045 | M6061T6R0.750 | 7 |

#71848

NOTES:
1) MATERIAL: ALUMINUM 5052-H32 OR 6061-T6 OR 1100-0 PER QQ-A-225/7 (5052) OR QQ-A-225/8 (6061) OR QQ-A-200/8 (6061) OR QQ-A-225/1 (1100) (REF. DART MATERIAL SPEC M606116R0.000)
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: N/A

DESIGN **DART AEROSPACE LTD** DRAWN HAWKESBURY, ONTARIO, CANADA CHECKED DRAWING NO. REV. D D3492 MFG. APPR. SHEET 2 OF 2 APPROVED TITLE SCALE DE APPR. 4:1 DATE 11.05.24

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|---------|------|--------------------|----------------------|------------------------------|--------|--------------|-------------------------------|--------------------------|-----------|--------------|--|--|--|--|--|
| W/O:    |      | WORK ORDER CHANGES |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
| DATE    | STEP | PROC               | В                    | y                            | Date   | Qty          | Approval Chief Eng / Prod Mgr | Approval<br>QC Inspector |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              | · ·    |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
| Part No | :    | PAR #:             | gory:                | NCR:                         | es N   |              |                               |                          |           |              |  |  |  |  |  |
| _       | R    | esolution:         | _ Dispositio         | _ QA: N/C Closed:            |        |              |                               |                          |           |              |  |  |  |  |  |
| NCR:    | ,    | W                  | ORK ORD              | ER NON-CONFORMA              | NCE (N | ICR)         |                               |                          |           |              |  |  |  |  |  |
| DATE    | STEP | Description of NC  | In tall of           | Corrective Action Section    |        | an 9         | Verification                  |                          | Approval  | Approval     |  |  |  |  |  |
| -/      | 0.2. | Section A          | Initial<br>Chief Eng | Action Description Chief Eng | 1      | gn &<br>Date | Section                       | on C                     | Chief Eng | QC Inspector |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      | •                            |        |              | -                             |                          |           | -            |  |  |  |  |  |
|         |      | ·                  |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         |      |                    |                      |                              |        |              |                               |                          |           |              |  |  |  |  |  |
|         | 1    | 1                  |                      |                              | 1      |              |                               |                          |           |              |  |  |  |  |  |